

Attorney Docket No.:	21419/90368	•
Client Ref. No.:		

## #4 DECLARATION AND POWER OF ATTORNEY - PATENT APPLICATION

As a below named inventor, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought in the application entitled:

the specification of which	ch .		
(check one)	is attached hereto		
	X was filed on Novem	i <del>ber</del> 19, 1999	
	United States Application Serial No.	09/443,766	as
	PCT International Application No.		or
I hereby declare	and was amended on (if applicable) that I have reviewed and understand the continent referred to herein	itens of the above identified	
as amended by any amend	iment referred to herein.	uenes of me spoas-identitied sbecilie	cation, including the claim
I acknowledge ti Regulations, §1.56.	ne dury to disclose information which is n	naterial to patentability as defined in	Title 37, Code of Federa
or patent or inventor's cer	tificate having a filing date before that of the	ted States Code, § 119 (a)-(d) of any pelow) and I have also identified bel the application on which priority is c	ow any foreign application laimed:
or patent or inventor's cer	tificate having a filing date before that of the	he application on which priority is c	y loteign application(s) to ow any foreign application laimed:  Priority Claimed
or patent or inventor's cer	tificate having a filing date before that of the	pelow) and I have also identified bel the application on which priority is c (Day/Month/Year Filed)	ow any foreign application laimed:
or patent or inventor's cer rior Foreign Application( Number)  I hereby claim ber	tificate having a filing date before that of the	(Day/Month/Year Filed)	ow any foreign application laimed:  Priority Claimed  Yes No
or patent or inventor's certifor Foreign Application( Number)  I hereby claim berelow.	(Country)	(Day/Month/Year Filed)  (Day/Month/Year Filed)	ow any foreign application laimed:  Priority Claimed  Yes No
or patent or inventor's certifor Foreign Application( Number)  I hereby claim berelow.	(Country)  (Country)  nefit under Title 35, United States Code, §	(Day/Month/Year Filed)  (Day/Month/Year Filed)  (Day/Month/Year Filed)	ow any foreign application laimed:  Priority Claimed  Yes No
or patent or inventor's cerestion patent or inventor's cerestion of Foreign Application (Number)  I hereby claim berelow.  I hereby claim the sofar as the subject matter inner provided by the first formation as defined in Tri	(Country)  (Country)  May 20, 1	(Day/Month/Year Filed)  (Day/Month/Year Filed)	ow any foreign application laimed:  Priority Claimed  Yes No  nal application(s) listed  on(s) listed below and, ares application in the
for patent or inventor's cer Prior Foreign Application( Number)  I hereby claim ber elow.  O/047,181  pplication Number  I hereby claim the sofar as the subject matter anner provided by the first formation as defined in Tr	(Country)  (Country)  (Country)  May 20, 1  Filing Date  benefit under Title 35, United States Code, §  of each of the claims of this application is paragraph of Title 35, United States Code, §  paragraph of Title 35, United States Code, §  15, 27, Code of Federal Paragraph.	(Day/Month/Year Filed)  (Day/Month/Year Filed)	ow any foreign application laimed:  Priority Claimed  Yes No  nal application(s) listed  on(s) listed below and, ares application in the

JUN. 5. 2001 8:29AM USSN



Attorney Docket No.: 21419/90368

I hereby appoint William R. Coffey, Reg. No. 24023; Richard D. Conard, Reg. No. 27321; Steven R. Lammert, Reg. No. 27653; Richard A. Rezek, Reg. No. 30796; Timothy E. Niednagel, Reg. No. 33266; Nancy J. Harrison, Reg. No. 27083; Dilip A. Kulkarni, Reg. No. 27510; David B. Quick, Reg. No. 31993; Jill T. Powlick, Reg. No. 42088; Steven A. Church, Reg. No. 43550; Perry Palan, Reg. No. 26213; Mark M. Newman, Reg. No. 31472; Bobby B. Gillenwater, Reg. No. 31105; Paul B. Hunt, Reg. No. 37154; Robert D. Null, Reg. No. 40746; Alice O. Martin, Reg. No. 35601; Thomas J. Donovan, Reg. No. 33231; Grant H. Peters, Reg. No. 35977; Mark A. Hamill, Reg. No. 37145; Michael Allen, Reg. No. 37582; and Gregory S. Cooper, Reg. No. 40965, as attorneys of record with full power of substitution and revocation, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith, and I specify that communications regarding the application be directed to:

BARNES & THORNBURG 2600 Chase Plaza 10 South LaSalle Street Chicago, Illinois 60603 (312) 357-1313

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

bian 1. bosworm	United States		
Full Name of Sole or First Joint Inventor  Inventor's Signanue	Country of Citizenship  5/27/200/		
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		-	
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Inventor's Signature	Date	·	
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8180 Buelach Zurich SWITZERLAND			
Residence and Post Office Address			



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Client Ref. No.:

## DECLARATION AND POWER OF ATTORNEY -- PATENT APPLICATION

As a below named inventor, I hereby or an original, first and joint inventor is sought in the application entitled:	ve I am the original, first and sole listed below) of the subject ma	e inventor (if only one name is listed are which is claimed and for which
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METHODS AND COMPOSITIONS TO IDENTIFY SWINE GENETICALLY RESISTANT TO FIS E. COLI ASSOCIATED DISEASES

ì	ification of which				
	(check one)	is attached here	eto .		
		X was filed on	Novemb	er 19, 1999	25
		United States Application	n Serial No.	09/443,766	as or
, 		PCT International Applic	cation No.		Of
		and was amended on (if	applicable)		
	I hershy daglass the				
as amend	ed by any amendm	ent referred to herein.	erstand the cont	ents of the above-identified specific	cation, including the claims
Regulatio	acknowledge the ns, §1.56.	duty to disclose information	on which is me	terial to patentability as defined in	Title 37, Code of Federa
patent or i for patent	hereby claim fore nventor's certificat or inventor's certif	ign priority benefits under e on which priority is clain icate having a filing date b	Title 35, Unite ned (as listed be efore that of th	ed States Code, § 119 (a)-(d) of any blow) and I have also identified bel e application on which priority is c	y foreign application(s) for ow any foreign application laimed:
	ign Application(s)				
l					Priority Claimed
(Number)		(Country)		David of Co.	
		(Country)		(Day/Month/Year Filed)	Priority Claimed Yes No
(Number)	nereby claim benef		tates Code, § 1		Yes No
(Number)	nereby claim benef		tates Code, § 1	(Day/Month/Year Filed)  19(e) of any United States provision	Yes No
(Number)	nereby claim benef			19(e) of any United States provisio	Yes No
(Number) I below			tates Code, § 1  May 20, 19  Filing Date	19(e) of any United States provisio	Yes No
(Number)  I below.  60/047,181  Application	n Number	it under Title 35, United S	May 20, 19	19(e) of any United States provisio	Yes No nal application(s) listed
(Number)  I below.  60/047,18 I Application  I h insofar as tr manner pro- information	ereby claim the best to subject matter of vided by the first pas defined in Title	nefit under Title 35, United S  nefit under Title 35, United feach of the claims of this argument of Title 35. United	May 20, 19 Filing Date  d States Code, application is a d States Code,	19(e) of any United States provision 997 \$120 of any United States application disclosed in the prior United St §112, I acknowledge the duty to discontinuous states.	Yes No  nal application(s) listed  on(s) listed below and, ates application in the
(Number)  I below.  60/047,181  Application  I himsofar as trimanner pro- information	ereby claim the bestee subject matter of vided by the first pass defined in Title and the national or	nefit under Title 35, United S  nefit under Title 35, United feach of the claims of this aragraph of Title 35, United 37, Code of Federal Regularity	May 20, 19 Filing Date d States Code, application is a d States Code, lations, §1.560 ate of this appli	19(e) of any United States provision 997 \$120 of any United States application disclosed in the prior United St §112, I acknowledge the duty to discontinuous states.	Yes No  nal application(s) listed  on(s) listed below and, ates application in the

AND THORNBURG

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Inventor's Signature	Date
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Residence and Post Office Address	
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Inventor's Signature	Date Date
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